

**To:** Bruce Herbold/R9/USEPA/US@EPA[]  
**Cc:** Tom Hagler/R9/USEPA/US@EPA[]  
**From:** Gary Bobker  
**Sent:** Tue 5/5/2009 1:30:31 AM  
**Subject:** Re: bdcg alternatives

Jon Rosenfield will be in touch soon to set up a meeting with you to discuss the background and see if there is any basis for using an inflow-outflow approach to improve overall flow conditions or whether there are other, better alternatives.

Gary Bobker, Program Director  
The Bay Institute  
695 De Long Avenue, Suite 100  
Novato, CA 94945

ph: 415-878-2929 x 25  
fx: 415-878-2930  
main office email: bobker@bay.org  
home office email: bobker@sbcglobal.net

--- On Fri, 5/1/09, Herbold.Bruce@EPA.GOV <Herbold.Bruce@EPA.GOV> wrote:

> From: Herbold.Bruce@EPA.GOV <Herbold.Bruce@EPA.GOV>  
> Subject: Re: bdcg alternatives  
> To: "Gary Bobker" <bobker@sbcglobal.net>  
> Cc: Hagler.Tom@epamail.epa.gov  
> Date: Friday, May 1, 2009, 4:52 PM  
> Yes, please let's meet and discuss this because there is  
> obviously a bunch  
> of context that I am lacking. and looking at lousy,  
> unlabeled powerpoint  
> slides will only make me irritable. How soon can we meet  
> or how can I  
> talk to Jon, Spreck or somebody who can tell me why this  
> isn't simply  
> stupid?  
>  
> thanks  
> Happy may Day  
>  
> Bruce  
>  
>  
>  
> From:  
> Gary Bobker <bobker@sbcglobal.net>  
> To:  
> Tom Hagler/R9/USEPA/US@EPA, Bruce Herbold/R9/USEPA/US@EPA  
> Date:  
> 04/21/2009 12:44 PM  
> Subject:

> Re: bdcg alternatives  
 >  
 >  
 >  
 > Bruce and Tom,  
 >  
 > attached are several versions of presentations (some  
 > public, some not, so  
 > treat all as confidential) prepared by Armin Munevar with  
 > input from Chuck  
 > Hanson and others and with funding and guidance from SLDMWA  
 > on modeling  
 > various flow alternatives that could be used in BDCP. The  
 > interesting idea  
 > they have is "synchrony" (mimicking natural  
 > hydrology by releasing a  
 > greater % of reservoir inflows in spring) as the basis for  
 > a Delta inflow  
 > standard. Of course, in their modeling this would replace  
 > meeting Delta  
 > outflow reqs and allow them to export as much as possible  
 > with the PC.  
 > Also, the average impacts of the various proposals is  
 > presented as similar  
 > but of course this is masking huge variations intra- and  
 > inter-annually  
 > and also includes some assumptions re mitigating supply  
 > impacts that have  
 > a levelling effect. And the presentation makes highly  
 > questionable  
 > assertions such as the projects control a small fraction of  
 > runoff/outflow  
 > (looks huge to me in  
 > drier years). And upstream operators will hate the inflow  
 > bypass idea.  
 >  
 > Nonetheless, the idea of a new inflow standard, of course  
 > in combination  
 > with strong outflow requirements (but perhaps using  
 > different compliance  
 > methods) is intriguing to me, and I am interested in  
 > Bruce's thoughts on  
 > this. Jon Rosenfield, John Cain, and Spreck Rosekrans are  
 > meeting with  
 > them today to review more detailed outputs and express our  
 > concerns about  
 > a) the need to retain and strengthen Delta outflow reqs  
 > (while open to  
 > improvements in the methodology) b) the assumption that  
 > only CVP/SWP  
 > facilities should contribute to inflow/outflow and c) the  
 > offramps added  
 > to the NGO X2 proposal to avoid crashing the system.

>  
 > Much of this may be incomprehensible without further  
 > context. Would like  
 > to chat more with Bruce (with Jon etc involved) to explain  
 > and explore  
 > this further. Even if the version proposed by users is  
 > untenable, this  
 > approach could be used in other venues besides BDCP.  
 >  
 > Gary Bobker, Program Director  
 > The Bay Institute  
 > 695 De Long Avenue, Suite 100  
 > Novato, CA 94945  
 >  
 > ph: 415-878-2929 x 25  
 > fx: 415-878-2930  
 > main office email: bobker@bay.org  
 > home office email: bobker@sbcglobal.net  
 >  
 >  
 > --- On Mon, 4/20/09, Hagler.Tom@epamail.epa.gov  
 > <Hagler.Tom@epamail.epa.gov> wrote:  
 >  
 > > From: Hagler.Tom@epamail.epa.gov  
 > <Hagler.Tom@epamail.epa.gov>  
 > > Subject: bdcg alternatives  
 > > To: bobker@sbcglobal.net  
 > > Date: Monday, April 20, 2009, 3:27 PM  
 > > At some point, hopefully soon, I would like to talk to  
 > you  
 > > about BDCP  
 > > Alternatives. There are some discussions on the  
 > subject  
 > > showing up in the  
 > > Steering Committee notes starting in February, and  
 > I'd  
 > > like to know the  
 > > landscape before I draft up EPA scoping comments.  
 > >  
 > > I'm at (415)972-3945 today, tomorrow and  
 > Friday.[attachment "090407 -  
 > NGO\_PRE\_4.7.09 screenshots - DO NOT DISTRIBUTE.pdf"  
 > deleted by Bruce  
 > Herbold/R9/USEPA/US] [attachment  
 > "BDCP\_IT-DeltaOutflow\_Approach\_brief\_040909(draft).ppt"  
 > deleted by Bruce  
 > Herbold/R9/USEPA/US] [attachment  
 > "BDCP\_HOTT-CWG\_DeltaOutflow\_Approach\_brief\_041009(draft).ppt"  
 > deleted by  
 > Bruce Herbold/R9/USEPA/US]